

FIG. 2

FIG. 3

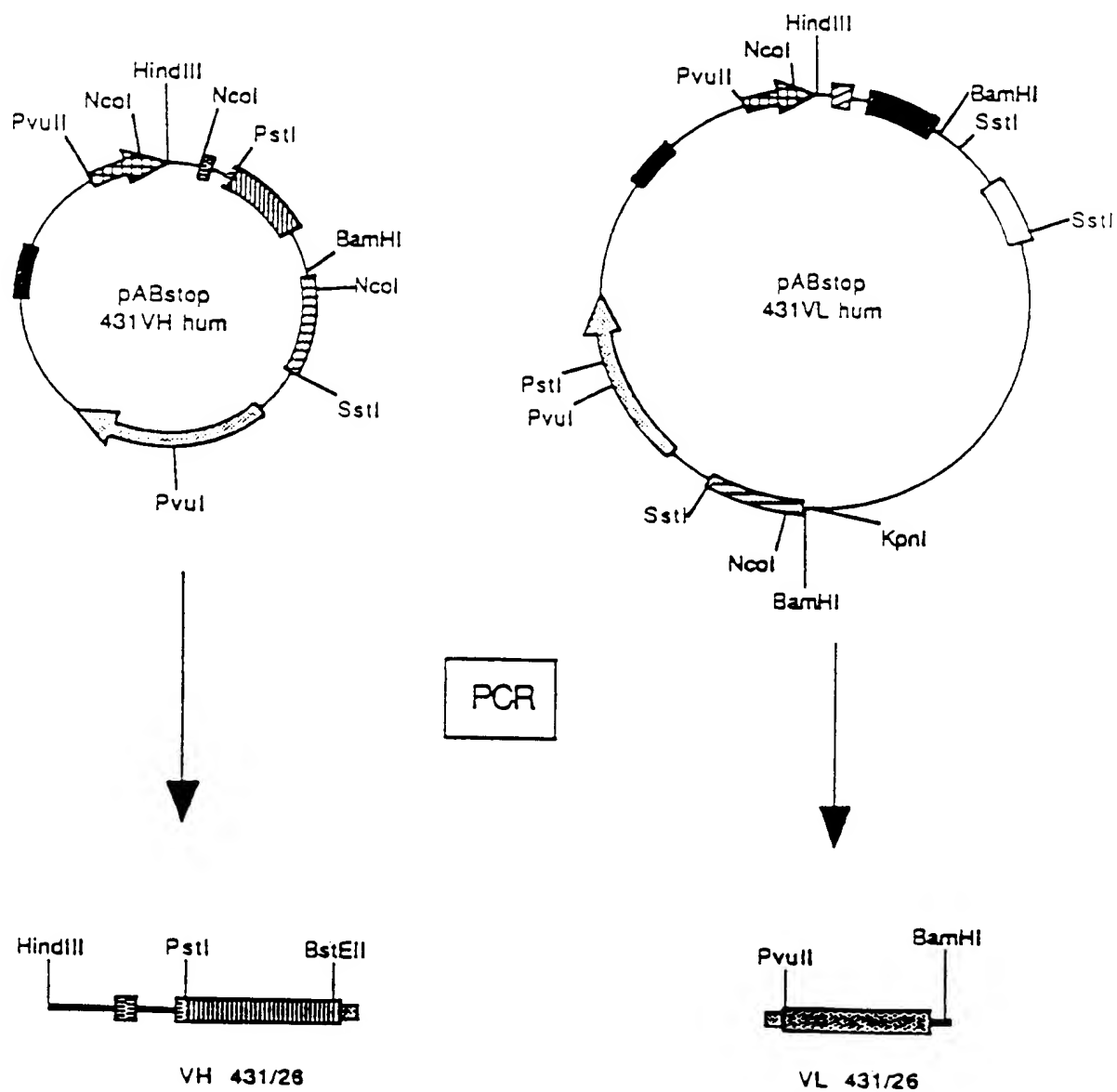


FIG. 4

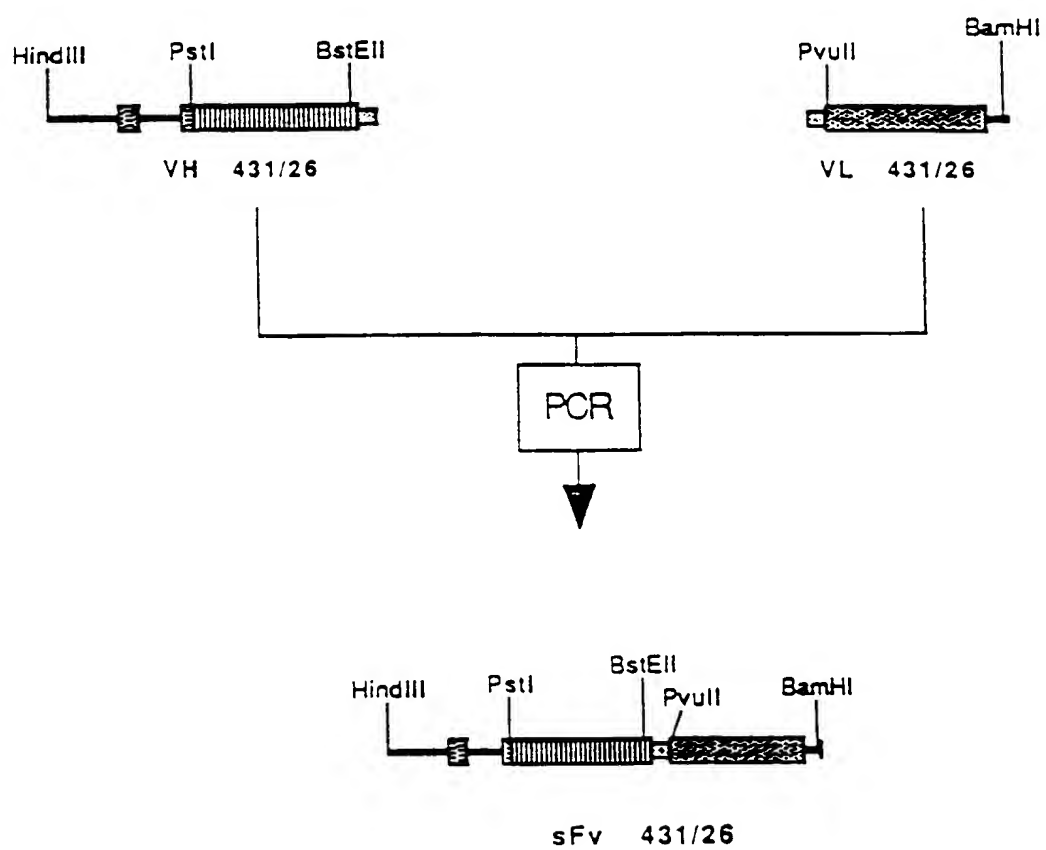


FIG. 5

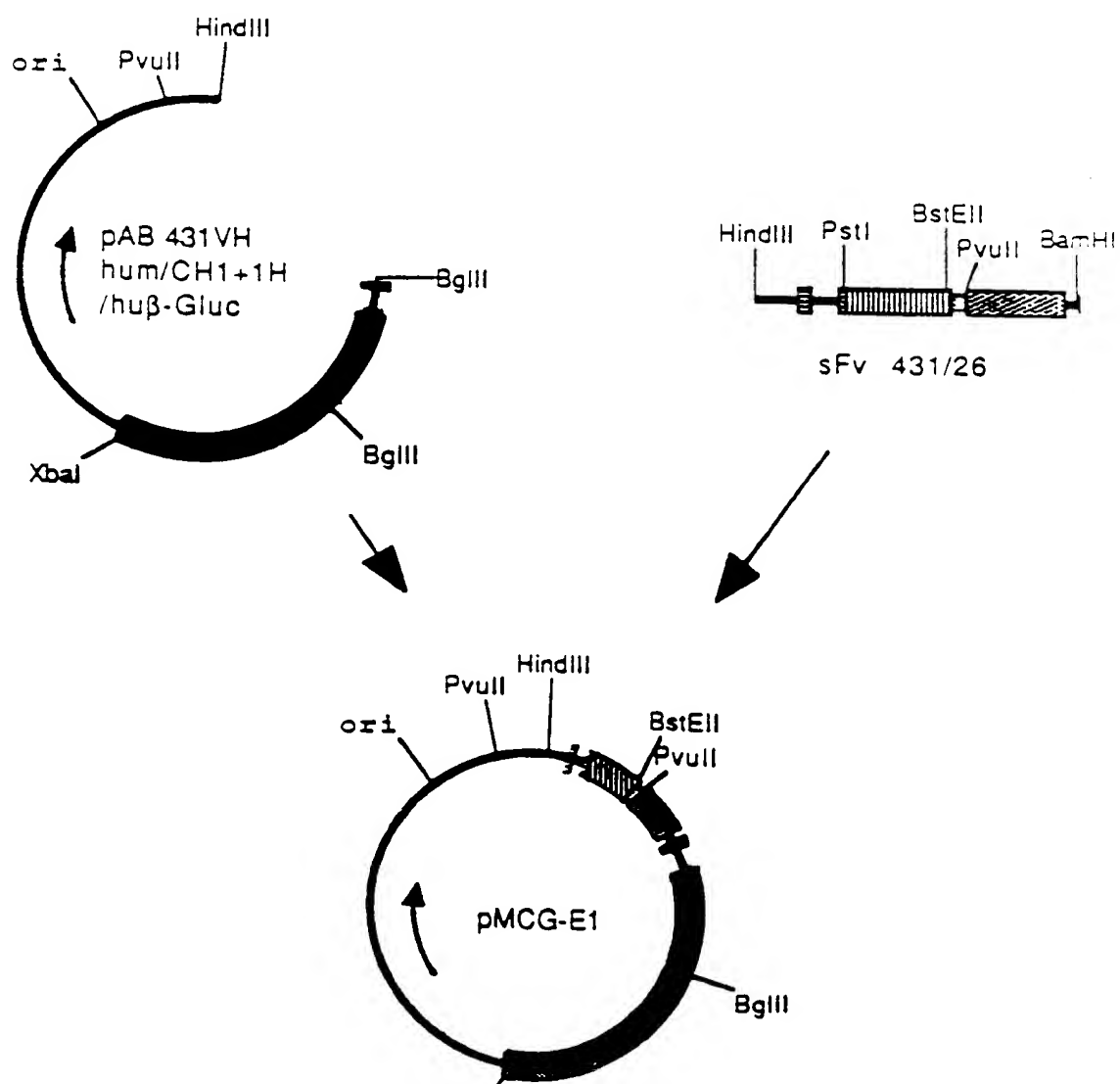


FIG. 6

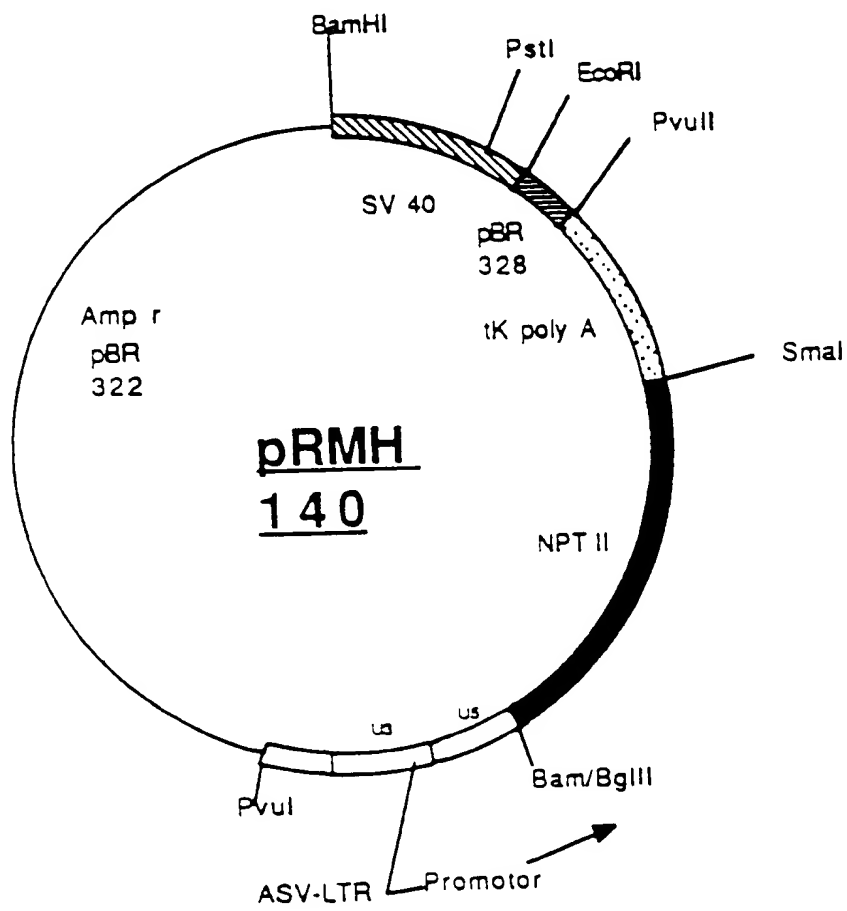
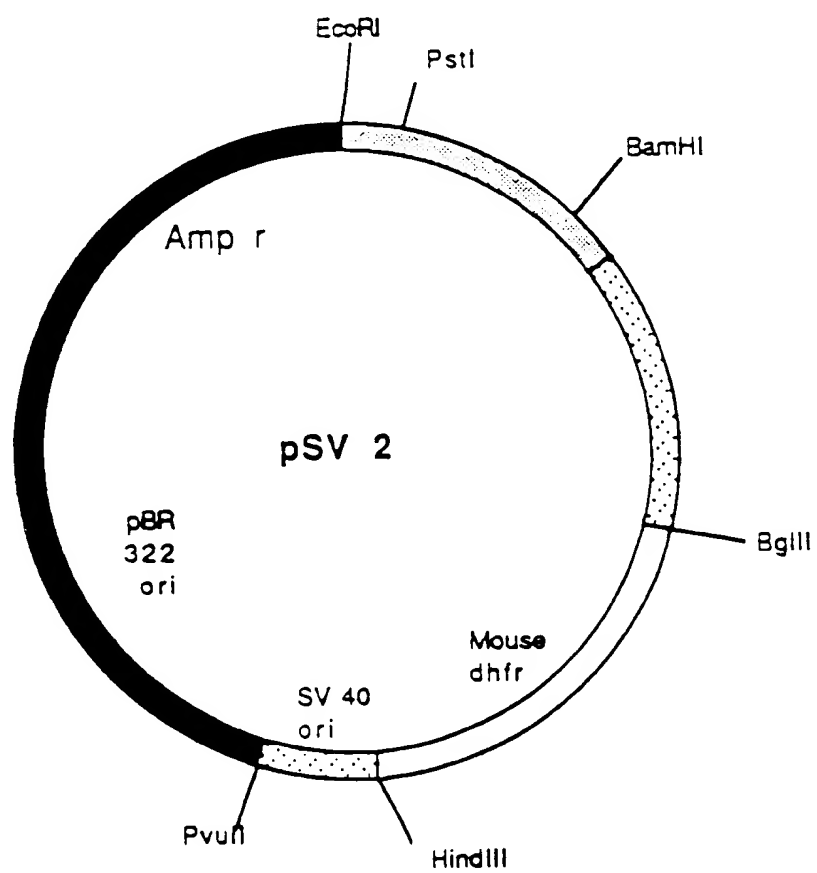


FIG. 7



Oligos for sFv 431/26 cloning in pUC19

sFv for (2561)

5' TTT TTA AGC TTA GAT CTC CAC CTT GGT C 3' (SEQ ID NO:7)

sFv back (2577)

'5 AAA AAT CTA GAA TGC AGG TCC AAC TGC AGG
AGA G 3' (SEQ ID NO:8)

Oligos for hum.β-Gluc cloning in sFv pUC19

Hum.β-Gluc. back oligo (2562)

5' AAA AAA GTG ATC AAA GCG TCT GGC GGG CCA CAG
GGC GGG ATC CTG TAC 3' (SEQ ID NO:9)

Hum.β-Gluc. for oligo (2540)

5' TTT TAA GCT TCA AGT AAA CGG GCT GTT 3' (SEQ ID NO:10)

Oligos for sFv/hum-β-Gluc cloning in pIXY120

PCR oligo VHpIXY back (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG
AGA G 3' (SEQ: ID NO:11)

PCR oligo VKpIXY for (2627)

5' A AAA CCA TGG GAA TTC AAG CTT CGA GCT GGT ACT ACA
GGT 3' (SEQ ID NO:12)

Oligos for *E.coli* β -Gluc cloning in sFv pUC19

E. coli β -Gluc. for (2639)

5' TTT TAA GCT TCC ATG GCG GCC GCT CAT TGT TTG
 CCT CCC TGC TG 3' (SEQ ID NO:13)

E. coli β -Gluc. back (2638)

5' AAA AAG ATC TCC GCG TCT GGC GGG CCA CAG TTA
 CGT GTA GAA ACC CCA 3' (SEQ ID NO:14)

FIG. 13

Oligos for sFv/ β -lactamase cloning in pIXY120

PCR oligo VHpIXY back (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG
AGA G 3' (SEQ ID NO:15)

PCR oligo VKpIXY/ β -lactamase for (2669)

5' AAA AAG CTT AGA TCT CCA GCT TGG TCC C 3' (SEQ ID NO:16)

PCR oligo link/ β -lactamase back (2673)

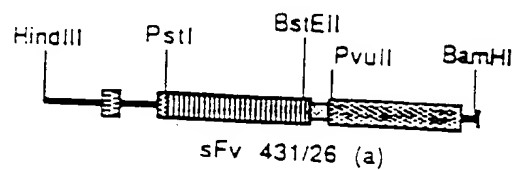
5' AAA GAA TTC TGA TCA AAT CCT CGA GCT CAG GTT CAC
AAA AGG TAG AGA AAA CAG T 3' linker (SEQ ID NO:17)

PCR oligo β -lactamase for (2674)

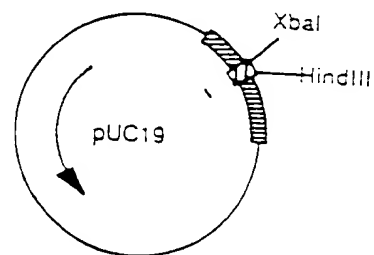
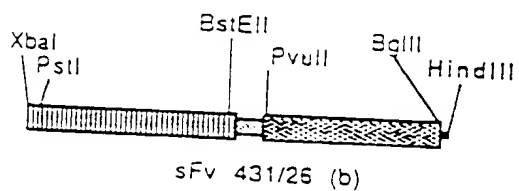
5' TTT AAG CTT ATT TTA ATA AAT CCA ATG T 3' (SEQ ID NO:18)

FIG. 16

Figure 2



PCR with oligos 2577 and 2561



HindIII/XbaI

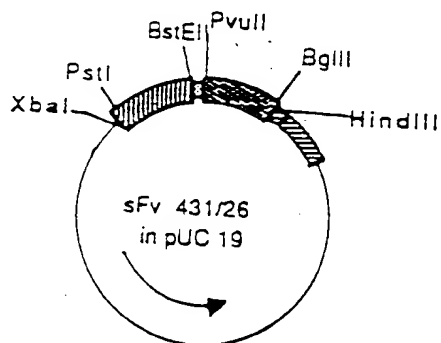


Figure 3

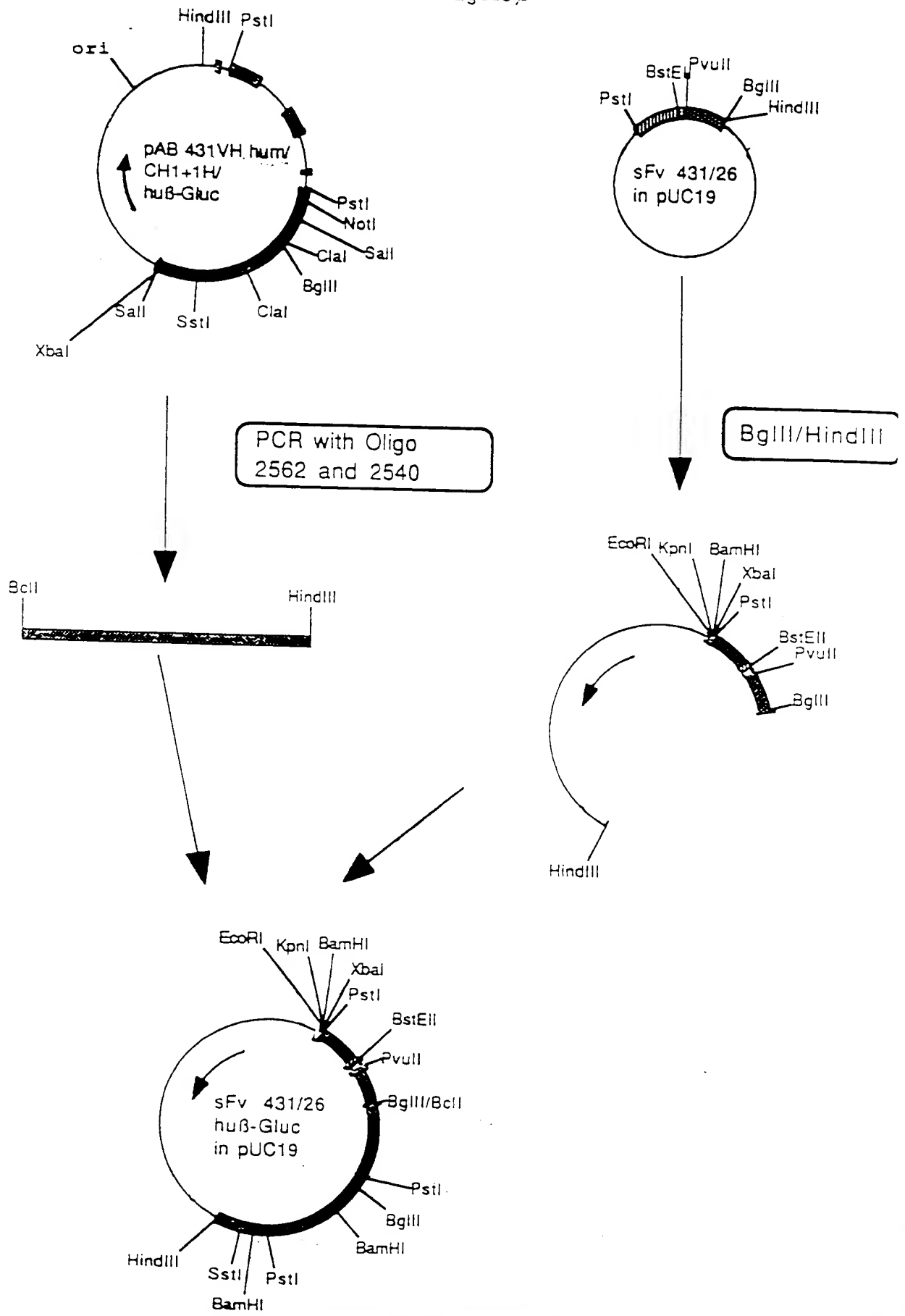


Figure 4

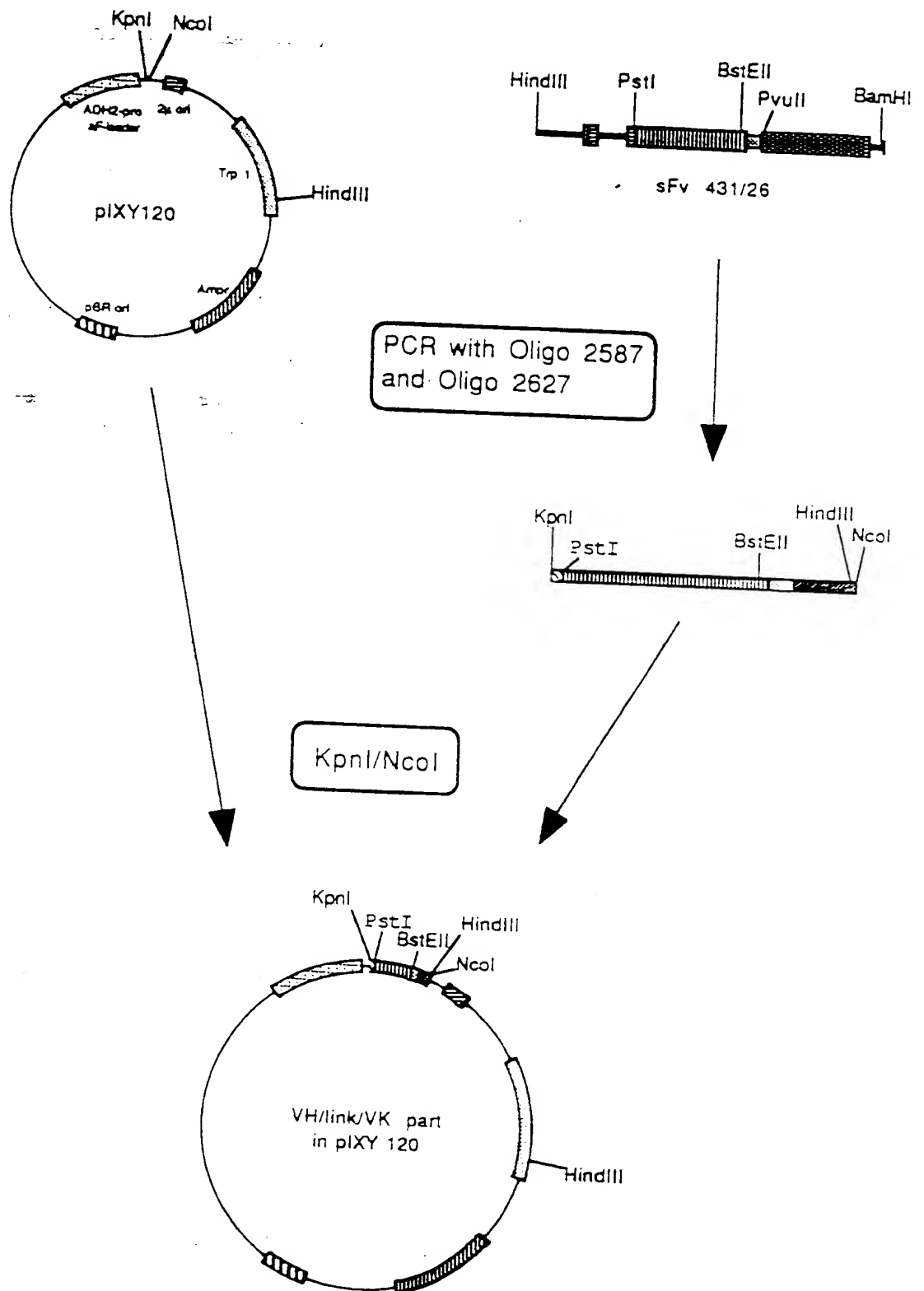


Figure 5

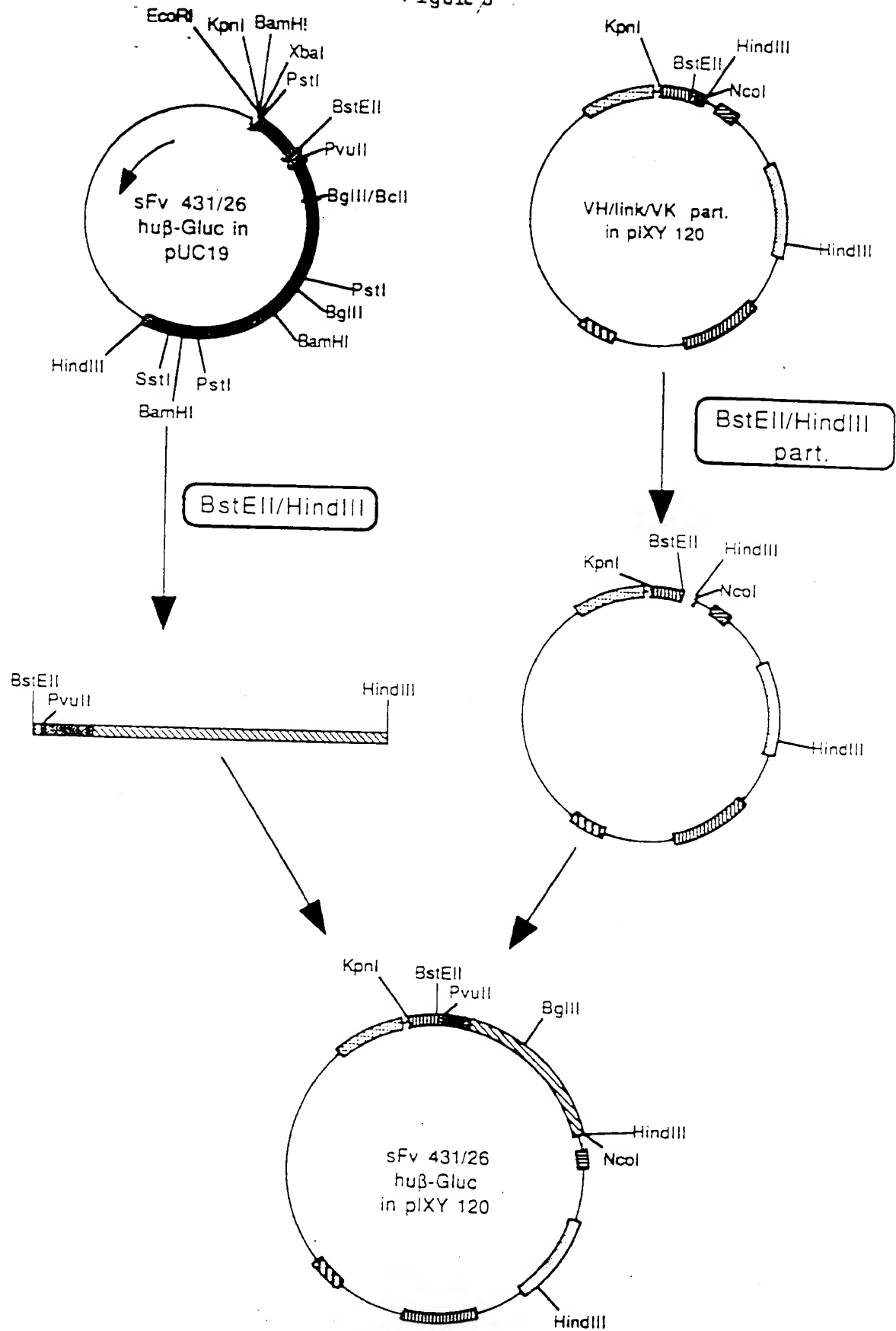
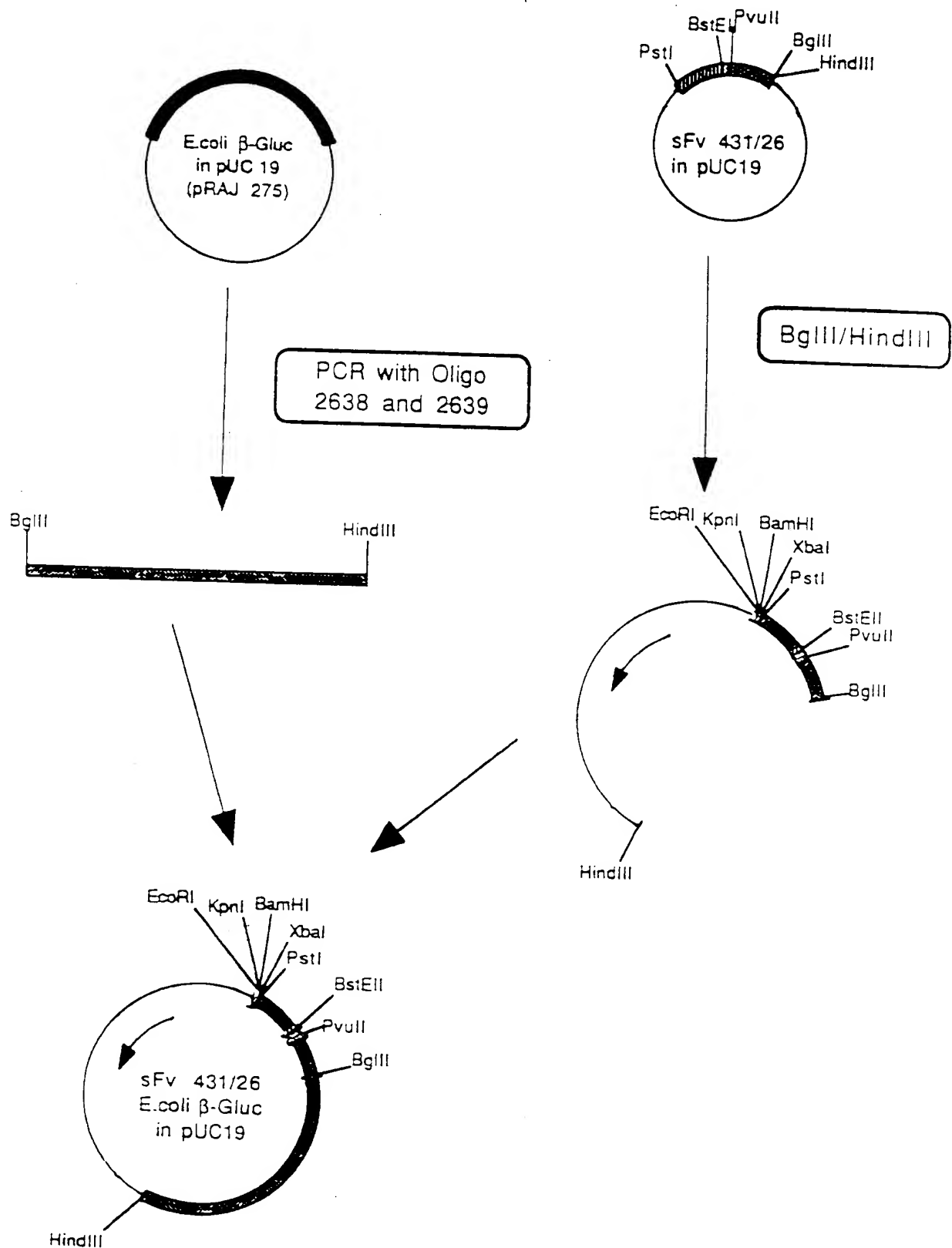


Figure 8



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Figure 7

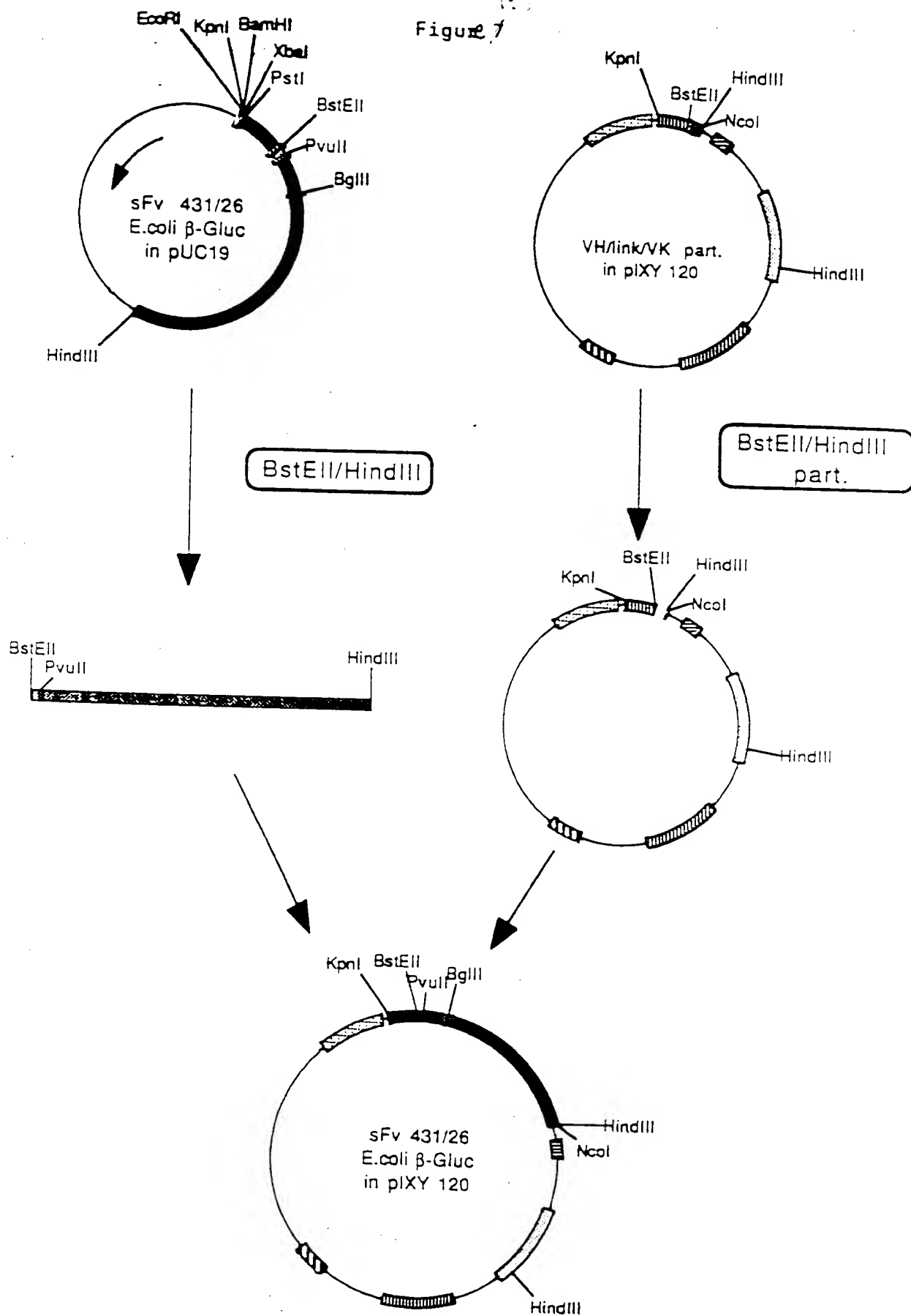


Figure 8

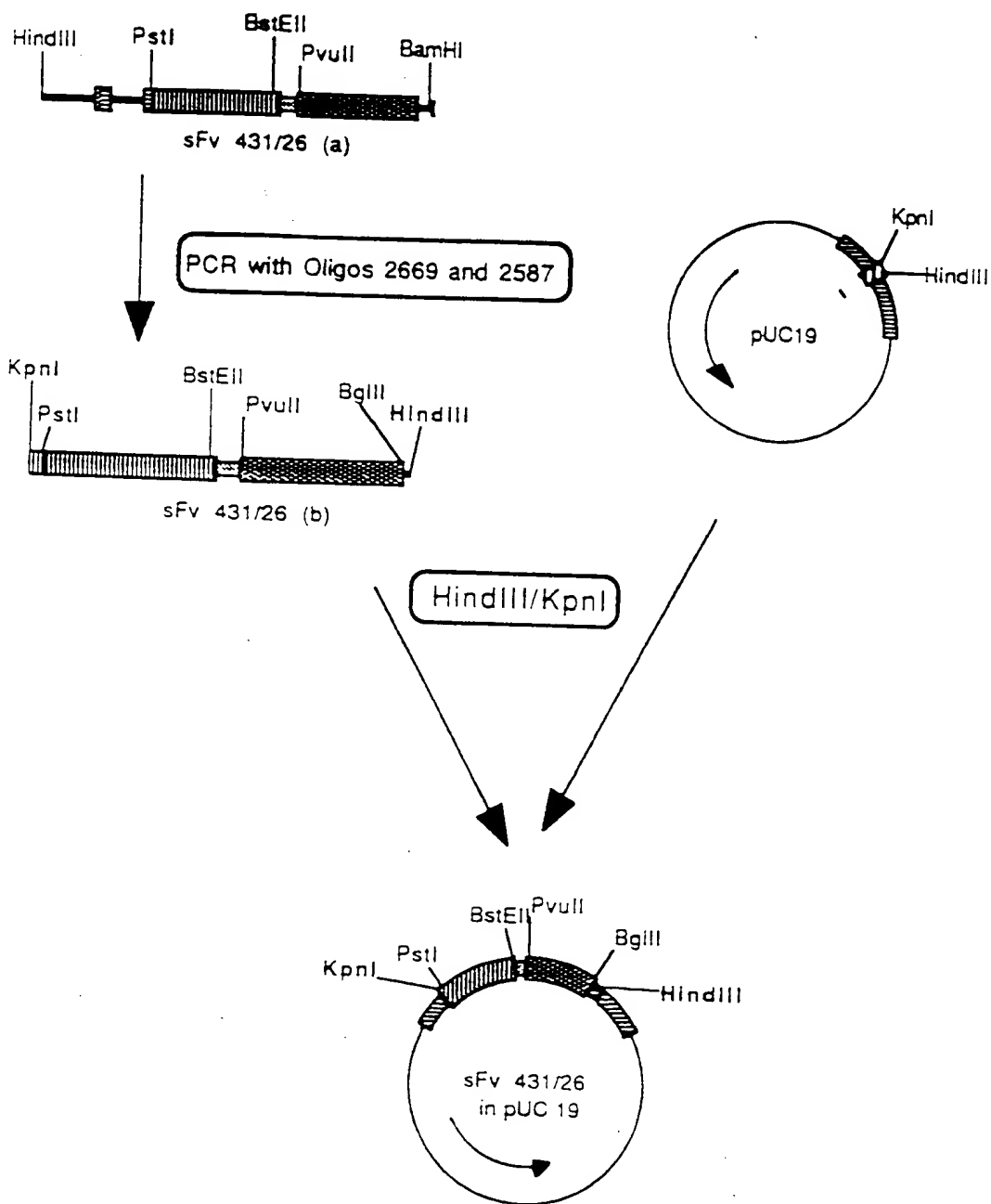


Figure 9

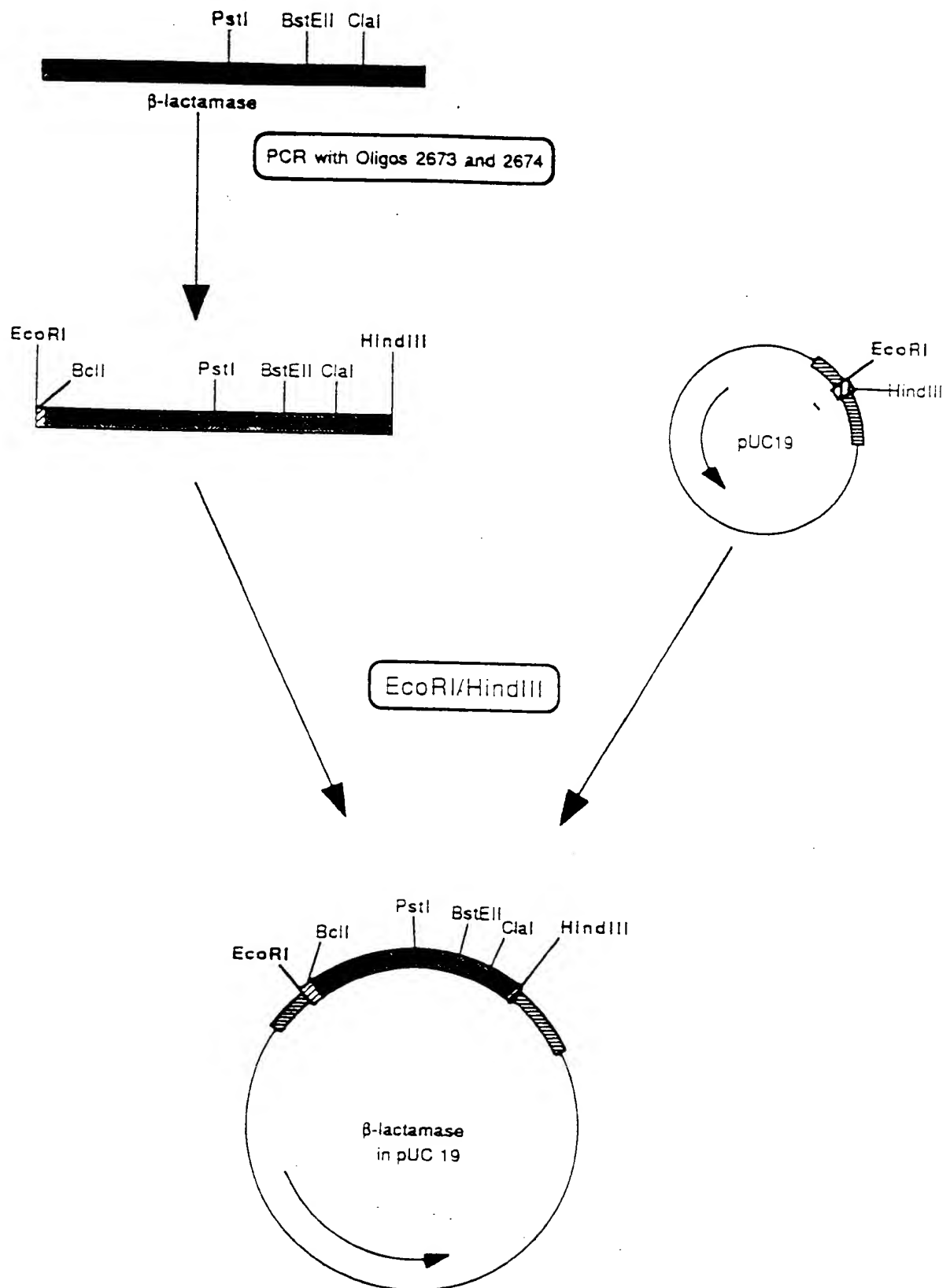


Figure 10

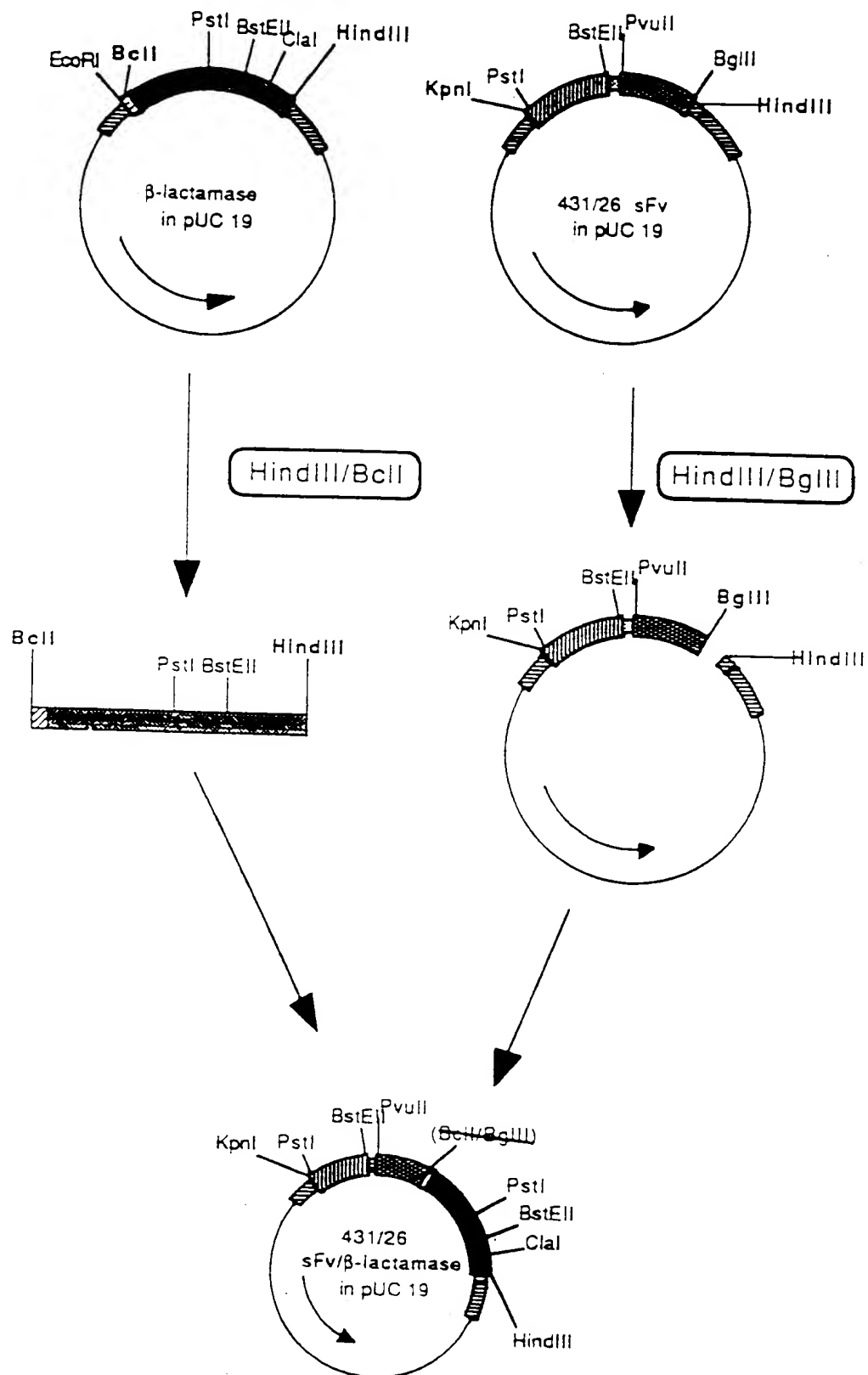


Figure 11

